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VIT University, India – GCMM 2014; International Conference Proceedings
12th GLOBAL CONGRESS ON MANUFACTURING AND MANAGEMENT



Foreword

The “12th Global Congress on Manufacturing and Management (GCMM-2014)” was organized by the School of Mechanical and Building Sciences, VIT University, Vellore, India in association with Queensland University of Technology (QUT), Australia, during 8 – 10 December 2014. GCMM is a biennial international conference organized in association with academic and industry partners from member countries across the world. The past five conferences were organized by AUT University, New Zealand (GCMM-2012), KMUTNB, Thailand (GCMM-2010), QUT, Australia (GCMM-2008), UNISANTOS, Brazil (GCMM-2006) and VIT University, (GCMM-2004) respectively with international participants of academics and professionals.

The major objectives of this international conference are to provide a common platform for the conglomeration of researchers, academicians, industrial experts and students to deliberate on global manufacturing challenges, advanced manufacturing processes and emerging trends in manufacturing. It was also aimed to review the existing knowledge and disseminate latest findings for better use of resources. The conference provided a forum for participants to discuss current issues on those areas and to identify new approaches, address new challenges and directions. Last but not the least it also aimed to reflect the increasing emphasis on manufacturing and management as a driver for economic growth in addressing the issues such as sustainability, creativity and innovation.

GCMM – 2014 attracted more than 275 participants from all parts of the world including USA, New Zealand, Australia, France, Indonesia, Malaysia, Thailand and South Korea. There were nine key note lectures and more than 250 oral presentations by delegates which were spread over three days of the conference. The present volume of the Journal contains the proceedings of GCMM – 2014 held at VIT University, Vellore, India, during 8 – 10 December 2014.

President – GCMM